

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraphs starting at line 19, page 1, and continuing through line 6, page 3, as follows:

One such technology is the BLUETOOTH Bluetooth technology.

BLUETOOTH Bluetooth is the code name for a technology specification for short-range radio links that will allow the many proprietary cables that connect devices to one another to be replaced with short-range radio links.

The BLUETOOTH Bluetooth technology is based on a high-performance, yet low-cost, integrated radio transceiver. For instance, BLUETOOTH Bluetooth transceivers built into both a cellular telephone and a laptop computer system would replace the cables used today to connect a laptop to a cellular telephone. Printers, personal digital assistants (hand-held computer systems and the like), desktop computer systems, fax machines, keyboards, joysticks and virtually any other digital device can be part of a BLUETOOTH Bluetooth system.

BLUETOOTH Bluetooth radio technology can also provide a universal bridge to existing data networks and a mechanism to form small private ad hoc groupings of connected devices away from fixed network infrastructures.

The BLUETOOTH Bluetooth technology allows BLUETOOTH Bluetooth devices to "discover" other BLUETOOTH Bluetooth devices that are within range and then connect with those devices, either automatically or at a user's discretion. The Generic Access Profile (GAP) of the known BLUETOOTH Bluetooth specification describes the processes by which BLUETOOTH Bluetooth devices discover and connect with each other.

The BLUETOOTH Bluetooth GAP also describes security aspects that are implemented as part of establishing a connection between devices. Different security levels or modes can be used depending on the security requirements of the requested channel or service. In general, increased security levels include the exchange and authentication of a passkey (or link key) between connecting devices.

To connect with a device using a passkey, first the user initiates the BLUETOOTH Bluetooth discovery process. During the discovery process, discoverable BLUETOOTH Bluetooth devices make their presence known to each other and exchange attributes (e.g., addresses) needed to further the connection process. Also, user-friendly names are exchanged to help a user identify BLUETOOTH Bluetooth devices that are in the environment.

The user can then select a device to connect with and initiate the BLUETOOTH Bluetooth connection process. In those cases in which passkeys are required, a passkey is entered for each of the respective devices, and the passkeys are exchanged. The passkeys are then authenticated, in which case the devices can proceed with an exchange of information or services commensurate with the security level in force.

Please amend the paragraph beginning on line 15 of page 3 as follows:

Therefore, what is needed is a system and/or method that can be used to streamline the connection process between devices. What is also needed is a system and/or method that can satisfy the above need and that can provide a desired level of security. In addition, what is needed is a system and/or method that can satisfy the above needs and that can be implemented on BLUETOOTH Bluetooth devices

(that is, consistent with the standards of the BLUETOOTH Bluetooth specification). The present invention provides these advantages and others not specifically mentioned above.

Please amend the paragraph beginning on line 2 of page 4 as follows:

Embodiments of the present invention provide a method and system thereof that can be used to streamline the connection process between devices while providing a desired level of security. Embodiments of the present invention can be implemented on BLUETOOTH Bluetooth devices (that is, consistent with the standards of the BLUETOOTH Bluetooth specification).

Please amend the paragraph beginning on line 24 of page 4 as follows:

In one embodiment, the discovery of available devices, and the connection to an available device, is performed according to BLUETOOTH Bluetooth protocols.

Please amend the paragraph beginning at line 7 on page 9 as follows:

In the present embodiment, device 100 also includes a signal transmitter/receiver (transceiver) device 108, which is coupled to bus 170 for providing a wireless radio (RF) communication link between device 100 and other wireless devices. In one embodiment, transceiver 108 is compliant with the known BLUETOOTH Bluetooth specification. Transceiver 108 may be coupled to device 100 or integral with device 100.

Please amend the paragraph beginning on line 19 of page 11 as follows:

In the present embodiment, RF circuitry 224 converts signals to radio frequency output and accepts radio frequency input via RF interface port 226. In a

BLUETOOTH ~~Bluetooth~~ embodiment, RF interface port 226 is a BLUETOOTH ~~Bluetooth~~ transceiver. RF signals received by RF circuitry 224 are converted to electrical signals and relayed to RF protocol stack 250 via connection 222.

Please amend the paragraphs at lines 1-19 of page 13 as follows:

In one embodiment (a BLUETOOTH ~~Bluetooth~~ embodiment), device 100 is a BLUETOOTH ~~Bluetooth~~ device. As used herein, a BLUETOOTH ~~Bluetooth~~ device is a device equipped with a wireless transceiver that can broadcast and receive signals in the radio frequency range specified by the BLUETOOTH ~~Bluetooth~~ specification, and that implements protocols and processes in substantial compliance with the BLUETOOTH ~~Bluetooth~~ specification. In the BLUETOOTH ~~Bluetooth~~ embodiment, a discovery process substantially compliant with the known BLUETOOTH ~~Bluetooth~~ specification is used to discover other BLUETOOTH ~~Bluetooth~~ devices. The discovery process used by BLUETOOTH ~~Bluetooth~~ devices is known in the art. In the BLUETOOTH ~~Bluetooth~~ embodiment, in step 310, discoverable BLUETOOTH ~~Bluetooth~~ devices make their presence known to each other.

In step 320, in the present embodiment, the devices that were discovered in step 310 exchange attributes and information (such as device addresses) needed to further the connection process. In one embodiment (including the BLUETOOTH ~~Bluetooth~~ embodiment), the devices exchange user-friendly names that assist a user in identifying which devices have been discovered. A list of the user-friendly names is typically presented to the user (e.g., the list is displayed using device 100). The user can then select a device from the list and initiate a connection between device 100 and the selected device.

Please amend the paragraph beginning at line 11 of page 14 as follows:

In step 340, according to the present embodiment of the present invention, if the device to be connected with is a trusted device, then the connection between that device and device 100 is made using the authenticated passkeys stored in memory. In one embodiment, the passkeys are automatically retrieved from memory and used. In one embodiment, the connection process is substantially compliant with the BLUETOOTH Bluetooth specification.

Please amend the paragraph beginning at line 17 of page 15 as follows:

In step 430, in the present embodiment, if the decision is made to make the selected device a trusted device, then passkeys are entered, exchanged and authenticated. In one embodiment, the passkeys are exchanged and authenticated substantially according to the BLUETOOTH Bluetooth specification.

Please amend the paragraph beginning at line 1 of page 17 as follows:

Thus, in summary, embodiments of the present invention provide a method and system thereof that can be used to streamline the connection process between devices while providing a desired level of security. Embodiments of the present invention can be implemented on BLUETOOTH Bluetooth devices (that is, consistent with the standards specified by the BLUETOOTH Bluetooth specification).